

# CAMC-i7 Quad Core

## Compact Airborne Mission Computer



### Features

- Intel Core i7 3.4Ghz Quad Core
- 16GB DDR3 Memory
- Support for 3 touchscreen displays
- 2 or 4 independent HD/SD video inputs
- Internal Gigabit Ethernet switch
- Windows 7 as standard
- ITAR free
- DO-160 Certified
- Multiple I/O ports for interfacing with wide variety of mission system equipment
- Removable SSD for mission plan, recording and debrief
- Robust and fan less for silent operation

The Compact Airborne Mission Computer (CAMC) is a highly effective airborne mission, control and information system that is designed and built in the UK by Britannia 2000. CAMC is an ideal solution for helicopter, fixed wing aircraft, UAVs and military vehicles, where space and reliability are at a premium.

CAMC is optimised for Government and Military airborne requirements offering exceptional performance and versatility in a small package.

CAMC is fitted with a removable Solid State Drive to store mission sensitive classified information, which can be securely stored away from the CAMC. The SSD can be used to upload pre-planned flight missions as well as recording sensor, video and meta data.

Auxiliary inputs are provided to allow the user to integrate equipment such as a keyboard, portable computer or other USB or Ethernet peripherals.

A turret interface connection is provided to enable control of a turret via RS232/422 or Ethernet, and to receive video feeds from the turret via a dual Ethernet connection or co-axial video connectors.

CAMC can output video to 3 independent touchscreens allowing the users to carry out tasks such as:

- Record and play back video
- Navigate using mapping and augmented reality software
- Operate the pan/tilt/zoom function of a turret whilst viewing video feed

Further details about interfacing available on request.

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### Specifications\*

<b>Video Standards:</b>	
<b>HD-SDI:</b>	720p, 1080p
<b>SD-SDI:</b>	480i, 576i
<b>Analogue:</b>	625/25 PAL and 525/29.97 NTSC
<b>Processor and Interface Characteristics</b>	
<b>Processor:</b>	Intel Core i7 3.4 Ghz Quad Core
<b>OS:</b>	Windows 7 Embedded
<b>Environmental and Mechanical</b>	
<b>Temperature:</b>	Operating -20°C ~ +50°C
<b>Dimensions:</b>	340mm x 234mm x 109mm
<b>Weight:</b>	7.8kgs
<b>Power:</b>	28Vdc nominal, 3.5A

\*Data sheets are subject to change without notice

